

Education	University of Waterloo	2014 - 2018
	B.Math, Applied Mathematics, Minor in Cognitive Science	CGPA: 86%
	Academic Interests: Theoretical Neuroscience/Biology, Differential Equations, Dynamical Systems, Robotics, Control Theory, Software Engineering, Computational Mathematics, and Philosophy	
Work Experience	Microsoft Corporation	Software Engineer Intern
	Redmond, WA	January 2016 - May 2016
	Operating Systems Group - Graphics	
	TBD	
	Microsoft Corporation	Software Engineer and Program Manager Intern
	Redmond, WA	May 2015 - August 2015
	Operating Systems Group - Print	
	Worked on a user facing Windows 10 system application. Dealt with a large class of problems relating to concurrency, inter process communication, customer/competitive analysis, and UI/UX design.	
Projects	Drowsy Alert: Brain Computer Interface	2015
	Used a 4-channel EEG (Electroencephalography), as well as signal processing and machine learning algorithms to detect drowsiness in drivers. Worked with a team of 3 electrical engineers at Hack the North.	
	Sonata: Android	2014
	An Android app that allows users to stream and create playlists of songs from YouTube. Decrypted YouTube video encryption algorithm for direct access to the mp3.	
	StockMe: Android	2014
	Stock analytics application that uses technical analysis to rate stocks and provide investment strategies, published on Google Play Store.	
	Space Shooter: LibGDX, Android, OpenGL ES	2013
	Arcade-style android video game where the player controls a space ship, dodges bullets and battles a wide range of enemy space ships. Published on the Google Play Store with thousands of downloads.	
Technical Skills	Programming Languages:	
	Java, C++, C, Python, Racket/Scheme	
	Software Platforms and APIs:	
	Android SDK, LibGDX, Universal App Platform (Windows 10), SFML, Git, Various Google APIs, Facebook API, L ^A T _E X, Maple, MATLAB	
Activities	Univeristy of Waterloo Teaching Assistant	
	Teaching assistant for linear algebra	
	Hobbies:	
	Hiking, weightlifting, Quora	